7. Involvement of village Panchayats in the railwavs public awareness programmes.

8. Putting up level crossing safety posters at Village Panchayat Offices and at retail petrol pumps.

9. The unmanned level crossings are progressively being manned in a phased manner. Although the initial cost of manning of unmanned level crossings, has to be borne by the Road authority concerned and annual operating & maintenance cost is to be borne by the Railway. Considering the serious consequences of the accidents at unmanned level crossings, Railway has decided to man 4449 hazardous level crossings at its own cost in a period of 5 years.

Railways have also decided to man equal number of level crossing at its own cost as are manned through funds from MPLADS as per the recommendations of Hon'ble MPs.

Railway projects in Kerala

4033. SHRI N.K. PREMACHANDRAN: Will the Minister of RAILWAYS be pleased to state:

(a) how the project being implemented by the Railways in Kerala, for gauge conversion, doubling, multiple lines, new alignments, electrification, modernisation of Signalling, are ongoing and the details thereof;

(b) how many among those are expected to be completed during the current year; and

(c) whether the work of any ongoing projects has been discontinued or delayed due to the financial crunch;

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI O. RAJAGOPAL) (a) to (c) A Statement is attached. (*See* below) Targets where ever fixed have been given. Projects are being progressed as per availability of resources.

Statement

Details of Railway projects in Kerala

S. No.	Plan	Project	Year of approval	Kms	Cost	Expenditure upto March 2002	Budget outlay 2002-03	Status
1.	New Line	Kuttipuram-Guruvayoor	1994-95	36	90	0.69	0.01	Work will be taken up after obtaining the requisite clearances.
2.	New Line	Kottayam-Erumeli	1997-98	43	200	0.04	0.01	Requisite clearance have been obtained and the work is being taken up.
3.	New Line	Angamali-Sabarimala	1997-98	116	550	1.21	10	Final locations survey has been taken up. Land acquisition has also been processed.
4.	Guage Conversion	Quilon-Tirunelveli-Tiruchandur & Tenkasi-Virudunagar	1997-98	357	327.6	26.1	25	In Virudunagar-Tenkasi and Tirunelveli-Tiruchendur, bridge work and earthwork has been taken up. Final location survey in the ghat section to ease gradient and curves to suit BG has been recently completed.
5.	Doubling	Ernakulam-Mulanturutti	2001-02	17.4	35	1	3.68	The final location survey has been completed and estimate is under process of sanction.
6.	Doubling	Ernakulam-Ernakulam Marshalling Yard	1999-2000	3	6.42	2.74	0.1	Work has been completed and will be commissioned shortly.

7.	Doubling	Quilon-Trivandrum	1990-91	65	156.6	145	0.01	This work has been completed and commissioned.
8.	Doubling	Kuttipuram-Calicut	1994-95	86	179.6	49.8	45	The doubling of Kuttipuram to Shoranur (30 km) is being done as a material modification of this work. The work of bridges and earthwork is in progress
9	Doubling	Calicut-Mangalore	1995-96	221	462.1	447	20	166 km out of 221 has been completed. 50 km is expected to be completed in 2002-03
10.	Electri-fication	Ernakulam-Trivandrum	1999-2000	320	161.76	20.58	15	Work is targeted for completion by March, 2004.
11.	Electri-fication	Erode-Palghat-Ernakulam	1992-93	324	220.09	220.08	0.01	The work has been completed. Residual jobs in hand.

Following works of modernization of Signalling are being implemented in Kerala

Sl. No.	Name of Work	Cost of Work (In Rs. crore)	Expenditure as on 31.3.02	Whether likely to be completed during this Year
1.	2	3	4	5
1.	Shoranur—Replacement of electro-mechanical signalling system by relay interlocking	3.0022	3.2078	Yes
2.	Shoranur—Ernakulam—Replacement of mechanical signalling gears by Central Panel at 10 stations.	1.00648	7.6608	Yes
3.	Palghat Jn—Replacement of level frames with centralised route relay interlocking in West cabin.	1.3113	2.0393	No.
4.	Replacement of aged and worn out signalling gears at Piravam Road, Kuruppanthara, Ettumenur, Changanacheri, Kottayam, Chingavanam, Tiruvalia, Chenganur and Mavallikera by panel interlocking.	14.7842	—	No.
5.	Ernakulam Town—Replacement of signalling gears with centralised operation of points and signals.	2.3529	—	No.
6.	Palghat Division—Enhancement of reliability by data loggers at 16 Nos. stns. and replacement of power supply equipments.	1.5346	—	No.
7.	Trivandrum division—Safety improvement by the triple pole lamp (150 Nos.). Enhancing reliability by data logger (13 Nos.) and replacement of power supply equipment.	1.9067	—	No.